

Subtracting a Group

Home Link 3-12

NAME _____

DATE _____

TIME _____

Family Note Today your child learned the subtracting-a-group strategy for solving multiplication facts. Children subtracted groups from 5s and 10s helper facts to solve other facts. For example, to solve 4×6 , they might start with $5 \times 6 = 30$ and subtract a group of 6: $30 - 6 = 24$, so $4 \times 6 = 24$. Continue to help your child practice multiplication with the included Fact Triangles.

Please return this Home Link to school tomorrow.

- ① Use 10×4 and the array below to help figure out 9×4 .



$$9 \times 4 = ?$$

Helper fact: $10 \times 4 = 40$

x	x	x	x
x	x	x	x
x	x	x	x
x	x	x	x
x	x	x	x
x	x	x	x
x	x	x	x
x	x	x	x
x	x	x	x
x	x	x	x

- Draw on the array above to show how to use 10×4 to figure out 9×4 .
- Solve. $9 \times 4 =$ _____
- How did knowing 10×4 help you figure out 9×4 ?

Practice

- $9 \times 10 =$ _____
- $9 \times 5 =$ _____
- _____ $= 8 \times 5$
- _____ $= 8 \times 10$

\times, \div Fact Triangles: 3s and 9s

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3
 \times, \div
9

3
 \times, \div
9

3
 \times, \div
9

3
 \times, \div
9

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